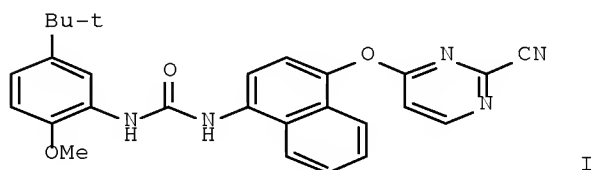


TITLE: Preparation of diaryl ureas as antiinflammatory agents
 INVENTOR(S): Cirillo, Pier F.; Goldberg, Daniel R.; Hammach, Abdelhakim; Moss, Neil; Regan, John Robinson
 PATENT ASSIGNEE(S): Boehringer Ingelheim Pharmaceuticals, Inc., USA
 SOURCE: PCT Int. Appl., 67 pp.
 CODEN: PIXXD2
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 1
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2002092576	A1	20021121	WO 2002-US14733	20020508 <--
W: AE, AU, BG, BR, CA, CN, CO, CZ, EC, EE, HR, HU, ID, IL, IN, JP, KR, LT, LV, MX, NO, NZ, PL, RO, SG, SI, SK, UA, UZ, VN, YU, ZA, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR				
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AU 2002305500	A1	20021125	AU 2002-305500	20020508 <--
EP 1392661	A1	20040303	EP 2002-734324	20020508 <--
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JP 2004530690	T	20041007	JP 2002-589462	20020508 <--
US 20030008868	A1	20030109	US 2002-143322	20020510 <--
US 6852717	B2	20050208		
MX 2003010487	A	20040309	MX 2003-10487	20031114 <--
PRIORITY APPLN. INFO.:			US 2001-291425P	P 20010516 <--
			WO 2002-US14733	W 20020508 <--
ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT				
ED Entered STN: 22 Nov 2002				
GI				



AB The title diaryl ureas, useful in pharmaceutic compns. for treating a cytokine mediated diseases or conditions involving inflammation such as chronic inflammatory diseases, were prepared Thus, treating 4-(2-chloropyrimidin-4-yloxy)naphthalen-1-ylamine with Et₃N in DMF followed by addition of Et₄NCN, and treatment of the resulting nitrile with phosgene, and reacting the intermediate with 5-tert-butyl-o-anisidine afforded the urea I.
 IC ICM C07D239-34
 ICS A61K031-505; C07D251-42; C07D239-47; C07D417-12; C07D401-12; C07D231-40; A61P029-00
 CC 28-16 (Heterocyclic Compounds (More Than One Hetero Atom))
 Section cross-reference(s): 1

IT	285983-44-0P	473269-90-8P	473269-96-4P	473271-63-5P	473271-65-7P
	473271-70-4P	473271-82-8P	473271-86-2P	473271-87-3P	473271-90-8P
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	476012-73-4P				

RL: FAC (Pharmacological activity); SPN (Synthetic preparation);
THU (Therapeutic use); BIOL (Biological study); PREP
 (Preparation); USES (Uses)

(preparation of diaryl ureas as antiinflammatory agents)

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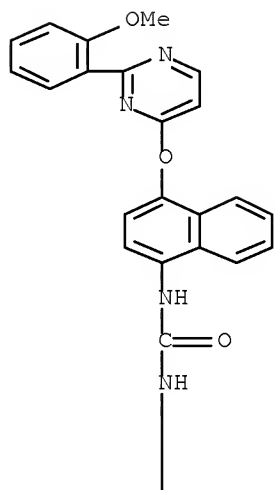
RL: FAC (Pharmacological activity); SPN (Synthetic preparation);
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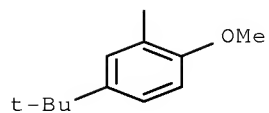
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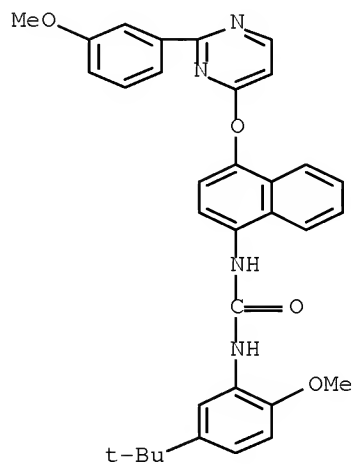
PAGE 1-A



PAGE 2-A

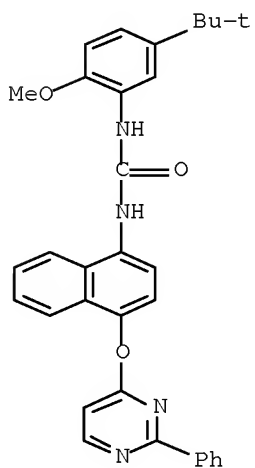


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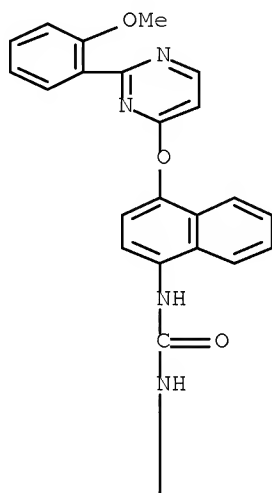
RN 476009-82-2 HCAPLUS

CN Urea, N-[5-(1,1-dimethylethyl)-2-methoxyphenyl]-N'-[4-[(2-phenyl-4-pyrimidinyl)oxy]-1-naphthalenyl]- (CA INDEX NAME)



RN 476011-45-7 HCAPLUS

CN Methanesulfonamide, N-[5-(1,1-dimethylethyl)-2-methoxy-3-[[[4-[[2-(2-methoxyphenyl)-4-pyrimidinyl]oxy]-1-naphthalenyl]amino]carbonyl]amino]phenyl]- (CA INDEX NAME)



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